MILITARY COMMUNICATIONS - ELECTRONICS BOARD

FREQUENCY RESOURCE RECORD SYSTEM (FRRS)

STANDARD FREQUENCY ACTION FORMAT (SFAF)

WITH CHANGES 1 (1 DEC 1999), 2 (30 NOV 2000), 3 (30 NOV 2001), and 4 (31 DEC 2002)

MCEB PUB 7

1 OCTOBER 1998

1. The following page changes are made to MCEB Pub 7 Dated 1 October 1998 with changes 1 dated 1 December 1999, 2 dated 30 Nov 2000 and 3 dated 30 Nov 2001:

Replace the cover page.

Replace pages i through iv.

Replace pages 1 through 4.

Replace pages A-5 and A-6

Replace pages A-37 through A-40.

Replace page A-74a and 74b with pages 74a through 74d.

Replace pages A-85 and A-86

Delete pages A-G-1 through A-G-4

Replace pages A-H-1 and A-H-2 with pages A-H-1 through A-H-4.

Replace pages A-I-3 and A-I-4.

Replace pages A-I-7 through A-I-12.

Replace pages C-1 through C-4

Replace pages D-1 and D-2 with page D-1.

FREQUENCY RESOURCE RECORD SYSTEM
STANDARD FREQUENCY ACTION FORMAT
FORWARD

Purpose: This document establishes the Frequency Resource Record System (FRRS) Standard Frequency Action Format (SFAF).

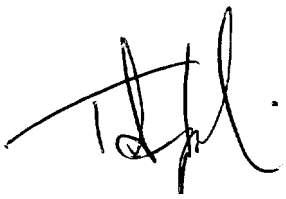
Authority: This document is issued under the authority of DoD Directive 5100.35, Military Communications-Electronics Board (MCEB) with changes thereto.

Amendments and Review: This document will be reviewed in it's entirety by the MCEB Frequency Panel (FP) Spectrum Operations Permanent Working Group (SOPWG) every five years, and amendments will be issued by the Military Secretary, MCEB, when appropriate. This document updates MCEB PUB 7 dated 1 October 1998 with change 1 dated 1 December 1999, change 2 dated 30 November 2000, and change 3 dated 30 November 2001. Any suggested changes to MCEB Pub 7 can be forwarded to:

MCEB OJCS

Military Secretary, Room 1 E833, The Pentagon
Attn: Frequency Panel SOPWG
Washington, DC 20318-6100

FOR THE CHAIRMAN:



TODD A. ZECCHIN
Captain, U.S. Navy
Military Secretary

Distribution: See

Appendix C

FREQUENCY RESOURCE RECORD SYSTEM
STANDARD FREQUENCY ACTION FORMAT

RECORD OF CHANGES AND CORRECTIONS

Enter Change of Correction in Appropriate Column

Change or Correction	Date Entered	By Whom

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PARAGRAPH PAGE

STANDARD FORMATS FOR RADIO FREQUENCY PROPOSALS, ASSIGNMENTS, MODIFICATIONS, RENEWALS, REVIEWS, AND DELETIONS

1. GENERAL

a. **Purpose**. This document describes the Standard Frequency Action Format (SFAF) used for Department of Defense (DoD) radio frequency proposals, assignments, modifications, renewals, reviews, and deletions. Frequency assignment proposals for space or earth stations may be made in either the International Telecommunication Union (ITU) Appendix 3 format or the SFAF.

b. **Appendixes**. Appendix A contains a list of SFAF data items with their input requirements. Appendix B contains a list of acronyms used throughout the document. Appendix C contains the document Distribution List. Appendix D contains a summary of major changes from the previous MCEB PUB 7 dated 1 December 1998 as amended by Change 1 dated 1 December 1999.

c. **Definitions**. The following definitions apply to terms used in processing SFAF data into the Frequency Resource Record System's (FRRS) central database.

(1) **Frequency Assignment**. A frequency assignment is an authorization to operate, within prescribed parameters, electronic equipment that emit radio frequency (RF) energy. The authorization contains the assignment's technical parameters and administrative information.

(2) **Frequency Assignment Record**. A frequency assignment record is a grouping of data entries pertaining to an authorized frequency assignment stored within a database.

(3) **Frequency Assignment Transaction**. A frequency assignment transaction (also called a proposal) is a formatted grouping of data entries used to request a new assignment, an update, or a deletion of a frequency assignment. A transaction always starts with Data Item 005 (Security Classification) and ends with the highest numbered data item used for that transaction.

(4) **Message Part**. A message part may contain one or more frequency assignment transactions. Each message part begins with Data Item 005.

(5) **Data Item**. A data item is made up of a data item number, a data item security classification indicator (if required), and the data entry.

(6) **Data Item Number**. A data item number (also referred to as a data item identifier) is used to identify each data item in an SFAF frequency assignment transaction. It consists of a unique 3-digit number followed by a period and a space. For example, (**005.**) is used to identify the record's security classification. Appendix A

contains a sequential listing of all valid data item numbers and applicable remarks/instructions.

(7) **Data Item Security Classification Indicator**. The data item classification indicator is used to indicate the classification of the data entry. This indicator follows the space after the data item number and is formatted using a single letter enclosed in parentheses followed by a space. The permissible entries are **(U)** for UNCLASSIFIED, **(C)** for CONFIDENTIAL, **(S)** for SECRET and **(T)** for Top Secret (for special stand-alone applications).

(8) **Data Element**. A data element is the most basic type of data entry. It consists of a series of letters and/or numbers immediately following the data item number or data item security classification indicator. Normally, one data element equates to one data item. For example, **FA** (used in Data Item 113 to denote station class) and **FT BRAGG** (used in data items 301 and 401 to show antenna location) are both data elements.

(9) **Data Entry**. A data entry may contain one or more data elements. For example, **113. FA** is a data entry consisting of the data item number (113.) and one data element (FA); **152. M,NHIA** is a data entry (Coordination Data) consisting of the Data Item number (152.) and two data elements: first, the code for Mexico (M), and second, the amplifying information (NHIA)meaning No Harmful Interference Anticipated. Multiple data elements in the same data entry are separated by a comma or, in some cases, enclosed within parentheses e.g., **110. K6737.5(6736)**.

(a) **Single Occurring Data Entry**. A single occurring data entry may contain either one or more data elements; however, the data entry can appear only once in a frequency assignment transaction. For example, **005. CE,20051231** and **010. N** are both single occurring data entries.

(b) **Multiple Occurring Data Entry**. Data entries that appear more than once in a frequency assignment transaction are called multiple occurring data entries. In some cases, special rules apply as stated in Appendix A. Multiple occurring data entries are formatted with a data item number followed by a data item occurrence identifier, data item security classification indicator (if required), and the data entry.

2. **FORMAT**

a. **Message Format**. Temporary SFAF frequency assignment transactions are frequently sent via the Automatic Digital Network (AUTODIN) Defense Message System (DMS). The following guidance is provided for the preparation of these messages:

(1) **Headings**. Message headings must be formatted in accordance with approved communications procedures.

(2) **Security Classification**. The overall security classification of the message is based on that of the highest classified data item or combination of data items contained therein. All messages originated or received Outside the United States and

Possessions (OUS&P) should have an appropriate releasability statement indicating whether or not the message can be released to host nation officials.

(3) **Subject**. The subject line of the message begins with FREQUENCY PROPOSAL or FREQUENCY ASSIGNMENT, followed by the appropriate clarification as required, e.g., FREQUENCY PROPOSAL, USA. For crisis or contingency requirements, include FOR CONTINGENCY COMMUNICATIONS and the UNCLASSIFIED plan name or number if available, e.g., FREQUENCY PROPOSAL FOR CONTINGENCY COMMUNICATIONS, USN (OP PLAN 207-81).

(4) **Text**. A message may contain information pertaining to more than one frequency assignment. When this occurs, Data Item 005 (Security Classification) and Data Item 010 (Type of Action) must be the first data items listed in each message part. All data items must be listed in a vertical format and be in numerical sequence. Each line in the message is limited to 69 characters (including spacing and punctuation marks). This limitation is based on the AUTODIN's maximum line-length capability and is not to be confused with the data item input length limitations specified for each data item in Appendix A. If a data item requires more than one line of text, the data item number or data item occurrence identifier must precede each additional line. See paragraph 3c(1) for details on entering more than one line of text for a particular data item.

(5) **Abbreviated Message Format**. An abbreviated message format may be used for frequency proposals whose period of requirement will not exceed 90 days. At a minimum, the following data items must be included: 005, 010, 110, 113, 114, 115, 140, 141, 144, 200, 207, 300, 301, 303, 340, 400, 401, 403, 440, 502, 701, 702, 803, and other applicable data items in the 500 data item series. For TOP SECRET, SECRET, or CONFIDENTIAL frequency proposals, include applicable SFAF data items 014-019 as required by Appendix A. Note: For Defense Communications Systems (DCS) high-frequency (HF) entry exercises, also include data items 354 and 454; for pulsed emitters also include data items 346 and 347; for aeronautical navigational aids and for air traffic control assignments also include data items 711 and 801.

b . **Automated Processing of Formatted Files**. Automated transactions prepared for transmittal from one computer to another either via the Secure Internet Protocol Routing Network (SIPRNET) or by STU-III secure devices must begin with the given file name, followed by a data string of the transaction(s) beginning with Data Item 005 through Data Item 999. These formatted files may be created on personal computers (PCs)**,** using an editor or word processing software. The files created must be saved in the American Standard Communications Information Interface (ASCII) or equivalent text format.

3. **PROCEDURES**

The following procedures must be followed when using the SFAF:

a. **Prohibited Data Entries**. The following symbols should **not** be used as input data:

& (ampersand) ? (question mark)

:	(colon)	<	(less than)
;	(semicolon)	>	(greater than)
[	(left square bracket)	%	(percent sign)
]	(right square bracket)	!	(exclamation mark)
\	(reversed slant bar)	^	(Insert caret)
#	(number/pound sign)	"	(quotation mark)
@	(at sign)	'	(apostrophe)

b. **Restricted Data Entries**. The parenthesis ( ) cannot be used as part of text data in any data item since its use is reserved for data entry classification following the data item number(s) or as part of Data Item 110. Other data restrictions are shown below:

(1) The slant bar may be used as data in data items 020, 112, 302, 340, 341, 343, 355, 362, 402, 440, 443, 455, 462, 501, 502, 503, 504, 511, 512, 513, 520, 530, 707, 804, 983, and 985.

(2) The comma can only be used as data in data items 014, 018, 108, 145, 152, 501, 503, 504, 520, 803, and 804.

(3) The dash cannot be used in data items 301 and 401.

c. **Data Item Occurrence Identifiers**. Slant bars and commas may be used as data item occurrence identifiers as indicated below:

(1) **Slant Bars**. Slant bars are used to identify the order of occurrence of such data when modifying an existing record (e.g., **500/2. S165**).

Order of occurrence identifiers are not used for the following free-text data items where each line begins with only the 3-digit number: 502, 520, 531, 801, 804, 806, and 807.

(2) **Commas**. Commas are used to separate elements within a data entry (e.g., **152. M,NHIA**). However, commas and slant bars cannot be used interchangeably; that is, if input instructions specify a comma, a slant bar cannot be used and vice versa.

d. **Receiver Location Identifiers**. Receiver location identifiers consisting of the letter R and a 2-digit number (01 through 30) are used to indicate whether the data is associated with the first, second, third, etc., receiver location. The receiver location identifier is entered immediately following the data entry reported for that data item. Consider, for example, **400. CO,R02** in which **400.** (State/Country) is the data item identifier, **CO** (Colorado) is the data entry for that item, and **R02** indicates that the data

SFAF Data Item Number	Title	SPECTRUM XXI Tags	Maximum Input Lengths	Maximum Occurrences	To IRAC[a]	GMF Tags
470	Space Station Noise Temperature	SNT	4	10	Y	*SNT[b]
471	Earth Station System Noise Temperature	RNT	4	10	Y	*RNT[b]
472	Equivalent Satellite Link Noise Temperature	ENT	4	10	Y	*ENT[b]
473	JSC Area Code		1	1	N	
SUPPLEMENTARY DETAILS						
500	IRAC Notes	NTS	4	10	Y	NTS
501	Notes free-text Comments	NOT	35	30	Y	*NTS[b]
502	Description of Requirement	GEN	1440	1	N	
503	Agency Free-text Comments	AGN	35	30	Y	*AGN[b]
504	FAS Agenda or OUS&P Comments	FAS	72	5	Y	FAS
505	NATO Pooled Frequency Code Number		5	1	N	
506	Paired Frequency	PRD	11,10,12	5	Y	*PRD[b]
511	Major Function Identifier	MFI	30	1	Y	*MFI[b]
512	Intermediate Function Identifier	IFI	30	1	Y	*IFI[b]
513	Detailed Function Identifier	DFI	30	5	Y	*DFI[b]
520	Supplementary Details	SUP	1080	1	Y	SUP
521	Transition and Narrow Band Planning Data	TRN	8,13	1	Y	*TRN[b]
530	Authorized Areas	XAR,RAR,ARB	3,35	30	Y	*ART,*ARR, *ARB[b]
531	Authorized States	LST,LSR,LSB, EST,ESR,ESB	3,35	6	Y	*LST,*LSR, *LSB,*EST, *ESR,*ESB[b]
OTHER ASSIGNMENT IDENTIFIERS						
701	Frequency Action Officer		3	1	Y	*AGN,FAO[b]
702	Control/Request Number		15	1	Y	*AGN,CNO[b]
704	Type of Service		1	1	Y[e]	*AGN,TOS[b]
707	USCINCPAC Complement/ FMSC Function Number		8	20	N	
710	Host Country Docket Number		12	10	N	
711	Aeronautical Service Range and Height		6	1	N	
715	Transmitter FMSC MRFL Number		14	1	N	
716	Usage Code		1	1	N	
ADDITIONAL INFORMATION						
801[f]	Coordination Data/Remarks		60	20	N	
803	Requestor Data	POC	60	1	N	
804	Tuning Range/Tuning Increments		60	30	N	
805[f]	Date Response Required		8	1	N	
806[f]	Indication if Host Nominations are Acceptable		60	10	N	
807[f]	Frequencies to be Deleted		60	10	N	

SFAF Data Item Number	Title	SPECTRUM XXI Tags	Maximum Input Lengths	Maximum Occurrences	To IRAC[a]	GMF Tags
901	Record Status		1	1	N	
903	Proposal Status	CPS	4	20	N	
904	Status Date	STD	8	20	N	
905[g]	Proposal Date Time Group		14	1	N	
906[g]	Originator		66	1	N	
907	Validation Status		1	1	N	
910	Exercise Project		20	1	N	
911[j]	Date of Last Transaction	DAT	8	1	N	
922[j]	Participant Code		6	20	N	
924	Data Source Indicator		4	1	N	
926[j]	Semi-Bandwidth		12	1	N	
927[j]	Date of Entry		8	1	N	
928[j]	Date of Receipt		8	1	N	
950	PC ID	PCI	10	1	N	
952[j]	IRAC Security Classification		1	1	Y	CLA
953[j]	IRAC Declassification Date		10	1	Y	CDD
956	Agency Action Number	ACN	10	1	Y	ACN
957[j]	Review Year	RYR	4	1	Y[h]	RYR
958[j]	Routine Agenda Item	RTN	1	1	Y	RTN
959[j]	Circuit Remarks	REM	40	30	N	REM
963	FCC File Number	FLN	16	1	Y[h]	*FLN[b]
964[j]	Tx Aircraft Altitude		3	10	N	XAD
965[j]	Rx Aircraft Altitude		3	10	N	RAD
982[f]	JCEOI Line Number		5	1	N	
983[f]	JCEOI Master Net List Name		16	1	N	
984[f]	Net Frequency Range		11-11	1	N	
985[f]	Joint Restricted Frequency List (JRFL) Protection Code		1, 1/2	1	N	
986[f]	Net Tactical Call Word		15	1	N	
987[f]	Net Tactical Call Sign		3	1	N	
988[f]	Net Tactical Air Designator (TAD)		5	1	N	
989[f]	Net Color Word		16	1	N	
990[f]	Net Color Number		2	1	N	
991[f]	Net Restoral Priority		3	1	N	
992[f]	Net Push Number		3	1	N	
993[f]	Band Usage		1	1	N	
994[f]	Check Sum		1	1	N	
995[f]	COMSEC Keymat		15	1	N	
996[f]	Circuit Type, Line Item, Group Category		8	1	N	
997[f]	JCEOI Special Net Instructions		63	1	N	
998[f]	Net Notes		3	1	N	
999[f]	Guard Requirements		20	50	N	

Air Force: Enter a standard use code as directed by Air Force Frequency Management Agency.

Examples:
208. N53618
208. ACEUS

Area AFC/DoD AFC/Other Organizations.....209

18 characters - 10 occurrences
Submitted to IRAC: no GMF tag: None

Description: Data Item 209 identifies the DoD AFC, CINC, Service Area Frequency Management Office, or other organization not provided in data items 200-208.

Input Requirement: This data item is optional. Enter the DoD AFC, CINC, Service Area Frequency Management Office or other organization not provided in data items 200-208. The following standard entries are used for DoD AFCs:

AFCA - DoD AFC Arizona
WSMR - DoD AFC White Sands Missile Range
GAFC - DoD Gulf AFC
EAFC - DoD Eastern Space and Missile Test Center at Cape Canaveral, FL
AFCPR - DoD AFC Puerto Rico
NAFC - DoD AFC Nellis
WAFC - DoD AFC Western Space and Missile Test Center
USAKA - DoD AFC Kwajalein

If Data Item 300 equals US, USA, or USP, enter only the following DoD AFC codes respectively:

AFCUS - Area Frequency Coordinator United States
AFCUSA - Area Frequency Coordinator United States of America
AFCUSP - Area Frequency Coordinator United States and Possessions

Example:
209. JJPN

TRANSMITTER LOCATION DATA

Transmitter data items 300 through 306 include all technical information pertaining to a single transmitter location. Only one transmitter location is allowed per assignment record.

State/Country.....300

4 characters - 1 occurrence

Submitted to IRAC: yes GMF tag: XSC

Description: Data Item 300 is an authorized abbreviation for the state, country, or geographical area in which the transmitting station is located. This data item cannot be changed in an FRRS record containing 144. Y.

Input Requirement: This data item is required. Enter the name or standardized abbreviation (as listed in Annex C to this appendix) of the state, country, or area in which the transmitting antenna is located.

Examples:
300. IN
300. LANT
300. SPCE

Antenna Location.....301

24 characters - 1 occurrence
Submitted to IRAC: yes GMF tag: XAL

Description: Data Item 301 is the name of the city, base, or geographical area of operation within which the transmitting antenna is actually located.

Input Requirement: This data item is required. Enter the name of the city, base, or geographical area where the transmitter antenna is located. Abbreviate the data entry if necessary; however, if an abbreviation is not required, the entry should be spelled the same as that in the US postal zip code directory or applicable gazetteer. After being entered the first time, all future entries for that same location should be spelled the same. If the transmitter antenna location is the same as the entry in Data Item 300, the antenna location should be abbreviated using the same abbreviation as that entered in Data Item 300. In addition to the above, the following will apply:

a. The following standard abbreviations will be used even if the entry is less than 24 characters:

Abbreviation	Location Word	Abbreviation	Location Word
ARPT	Airport	**LNB**	Large Navigational Buoy
ARA	Army Area	**MT**	Mont, Monte, Mount(s)
CP	Camp	**MTN**	Mountain(s)
CY	City	**MAP**	Municipal Airport
CGD	Coast Guard District	**PG**	Proving Ground(s)
CO	County		
DI	District		
DIV	Division		
FT	Fort		
IAP	International Airport		
IS	Island(s)		

PT Point
ST Saint

b. If the location name exceeds 24 characters after applying the standard abbreviation(s) listed in Aa≅ above and the entry has not been previously used, then shorten the entry to 24 characters and enter the full text in Data Item 801 for review by the assignment authority.

If an area of operation is selected, it may be described as a radius, in kilometers, extending from a given location. For example, if an assignment is for transmission anywhere within a 50-kilometer radius of Dallas, then insert DALLAS in this data item and the radius in Data Item 306 (Authorized Radius). An area of operation may also be described by geographical coordinates. For example, if an assignment is for one or more land mobile stations operating south of 33 degrees north in the state of Arizona, then insert AZ in this data item and the coordinate data in Data Item 530 (Authorized Areas).

An area of operation within several states may also be described in this data item as US or USA, with the included or excluded states being shown in Data Item 531 (Authorized States). Similarly, US&P may be used if the area includes a possession. For locations described as an area of operation, note that operations might not occur in every square mile of the area selected and the area described might overlap into states not shown in Data Item 300 (State/Country).

Although the data inserted shall normally be geographical names or descriptions, exceptions may be made for experimental operations, mobile operations where the state/country and antenna location data items are identical (such as 300. PAC, 301. PAC, etc.), and/or space operations. For an assignment to an experimental station, other than one in space, or to a mobile station having identical state/country and antenna location names, words such as AIRCRAFT, BALLOONS, or SHIPS may be used, as appropriate. For an assignment to a station aboard a geostationary satellite, insert GEOSTATIONARY. For an assignment to a station aboard a nongeostationary satellite, insert NONGEOSTATIONARY. For an assignment to a station located on a natural object in space, insert the name of the object, e.g., MOON.

c. **COASTAL WATERS** in DoD spectrum managenent documentation is defined as all navigable ocean waters, including ports, docks, intracoastal waterways, and the area extending from the coastline (of the state/country described in data item 300 or 400) outward for a distance of 150 nautical miles. Navigable ocean waters is defined as all waters affected by ocean tides in which DoD water craft of any type can operate.

Examples:
301. FT BRAGG
301. NASHVILLE
301. NONGEOSTATIONARY

Station Control 302

18 characters - 1 occurrence
Submitted to IRAC: yes GMF tag: XRC (only the first eight characters)

Description: Data Item 302 is used to identify the operating unit that controls, either electrically or administratively, the transmitting station when it is different from the data entered in Data Item 207. This data item is not used by Air Force.

Input Requirement: This data item is optional. Enter the operating unit or department that controls, either administratively or electrically, the transmitter station if it is different from the transmitter station in Data Item 207.

Example:
302. PWC

Antenna Coordinates 303

15 characters - 1 occurrence
Submitted to IRAC: yes GMF tag: XLA, XLG

Description: Data Item 303 is the World Geodetic System 1984 (WGS 84) datum latitude and longitude (expressed in degrees, minutes, and seconds) of the transmitter antenna location entered in Data Item 301.

Input Requirement: This data item is required except when the site named in Data Item 301 is an area of operation for which coordinates cannot be applied or for nongeostationary satellites. Enter geographical coordinates (degrees, minutes, and seconds) for the antenna location. If the seconds are not known, insert 00 for the seconds, except in the case of navigation aid system (NAVAIDS), geostationary satellites, and microwave facilities where seconds are required. Use leading zeros as appropriate for degrees, minutes, or seconds. Degrees latitude require two digits; degrees longitude require three digits. Enter N or S for latitude and E or W for longitude. If *GEOSTATIONARY* has been entered in Data Item 301, enter the latitude as 000000N and the longitudinal position of the satellite (in degrees, minutes, and seconds east or west). Note, when older maps are used, the coordinates may vary as much as 300-400 meters from locations determined by using DoD standard WGS 84 datum maps or Global Positioning System (GPS) equipment. Organizations are encouraged to obtain GPS equipment to determine the position of fixed antennas

Paired Frequency 506

11,10,12 characters - 5 occurrences
Submitted to IRAC: yes GMF tag: *PRD

Description: Data Item 506 has three parts. The first part contains the repeater station transmit or receive frequency associated with the transmitter frequency described in this record. The second part contains the agency serial number associated with that paired frequency and the third part contains a brief associated comment.

Input Requirement: Data Item 506 is mandatory:
(1) for assignments where the transmitter or a receiver is used primarily as part of a repeater in the frequency ranges 29.89 - 50 MHz (Government exclusive ranges), 138.00 – 144.00 MHz, 148.00 - 149.90 MHz, 150.05 - 150.80 MHz, 162.00 – 174.00 MHz, and 406.10 – 420.00 MHz
(2) where SFAF Data Item 113 contains the suffix "**R**" added to the station class or
(3) where SFAF Data Item 408 equals "**R**".
Enter the transmitting or receiving frequency (in the format prescribed in data item 110, Frequency) of the repeater station paired with this record followed by a comma, the serial number (in the format prescribed in data item 102, Agency Serial Number) of the assignment record with the associated frequency followed by a comma, and one of the two following comments: If the paired frequency is a transmitting frequency, use "**RPT OUT**". If the paired frequency is a receiving frequency, use "**RPT IN**".

This data item is optional to describe any duplex operation, enter the frequency, serial number, and "**DUPX PAIRING"**.

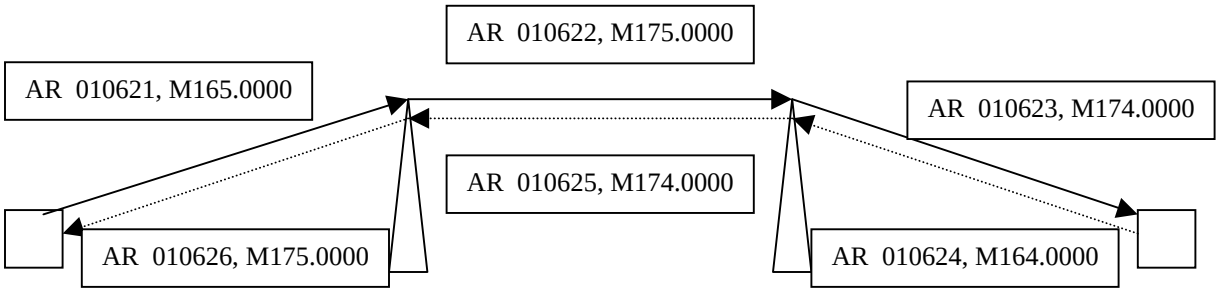
a. For a first example using a simple repeater, assume Record AR 097123 is not for a repeater and it is paired with Record AR 097124, that represents a repeater station. In this instance record AR 097123 would have a 506 data entry that would indicate record AR 097124's frequency, agency serial number, and the comment: RPT OUT. Using the same example, record AR 097124 would have a 506 data entry that would indicate record AR 097123's frequency, agency serial number, and the comment: RPT IN.

Example:
506. M163.4375,AR 097124,RPT OUT (The AR 097123 record entry.)

506. M173.4375,AR 097123,RPT IN (The AR 097124 record entry.)

b. In a second more complex example using two repeaters (See diagram below), see how this data item is used to identify the record from which a repeating frequency is received, the record to which a repeating frequency is connected to, or a record that is duplex paired with a record in a repeating system.

MULTICAST REPEATER SYSTEM



Examples:

506. M175.0000,AR 010622,RPT OUT (First entry for AR 010621)
506/2. M175.0000,AR 010626,DUPX PAIRING (Second entry for AR 010621)

506. M165.0000,AR 010621,RPT IN (First entry for AR 010622)
506/2. M174.0000,AR 010623,RPT OUT (Second entry for AR 010622)
506/3. M174.0000,AR 010625,DUPX PAIRING (Third entry for AR 010622)

506. M175.0000,AR 010622,RPT IN (First entry for AR 010623)
506/2. M164.0000,AR 010624,DUPX PAIRING (Second entry for AR 010623)

506. M174.0000,AR 010625,RPT OUT (First entry for AR 010624)
506/2. M174.0000,AR 010623,DUPX PAIRING (Second entry for AR 010624)

506. M164.0000,AR 010624,RPT IN (First entry for AR 010625)
506/2. M175.0000,AR 010626,RPT OUT (Second entry for AR 010625)
506/3. M175.0000,AR 010622,DUPX PAIRING (Third entry for AR 010625)

506. M174.0000,AR 010625,RPT IN (First entry for AR 010626)
506/2. M165.0000,AR 010621,DUPX PAIRING (Second entry for AR 010626)

c. When using this data item to identify a duplex record e.g., those used in HF or microwave systems. The data required is the frequency of the paired record, a comma, the serial number of the paired record, a comma, and DUPX PAIRING.

Example:

506. M8000,AF 010527,DUPX PAIRING
506. M9000,AF 010528,DUPX PAIRING

FUNCTION IDENTIFIERS

The costs associated with the operational use of the spectrum are of increasing concern to the DoD. The function identifier fields permit the analysis of spectrum usage by major, intermediate, and detailed function identifiers. These fields are the replacement for SFAF Data Item 705, which has been deleted. The standardization of data entries in Data Items 511 and 512 are controlled at the MCEB level. Any suggested changes, additions, or deletions will be forwarded to the MCEB, J-208B Working Group. These changes can be addressed via e-mail to frrs@jsc.mil. Some data entries are standardized for Data Item 513 and are also controlled by the MCEB, J-208B Working Group. However, CINCs and MILDEPs may also set up any **"standard"** data entries to capture information about any function identifier not listed in the Detailed Function Identifier column in the table in Annex I to this appendix. Periodically, the MCEB J-208B Working Group will review new "**standard**" entries to determine if they should be added to the MCEB standard lists.

Major Function Identifier 511

30 characters - 1 occurrence
Submitted to IRAC: yes GMF tag: *MFI

Description: Data Item 511 identifies the major (or primary) function of the frequency assignment.

Input Requirement: This entry is required in all DoD assignments. It may be used to eliminate entries in data items 503 (Free-text), 502 (Description of Requirement), and 520 (IRAC Supplementary Details) to reduce redundant database entries when the function and purpose of the assignment is adequately described in Data Items 511, 512, and 513. Select an entry from the approved standardized Major Function Identifier column in Annex I to this appendix. Each of the following examples are related in the same order to the examples in Data Items 512 and 513.

Examples:
511. AIR OPERATIONS

511. GROUND OPERATIONS

511. C3

Intermediate Function Identifier 512

30 characters - 1 occurrence
Submitted to IRAC: yes GMF tag: *IFI

Description: Data Item 512 identifies the intermediate function of the frequency assignment.

Input Requirement: This entry is required in all DoD assignments. It will be used to reflect those function identifiers that are subordinate to the Major Function Identifier listed in Data Item 511. Select an entry from the approved standardized Intermediate Function Identifier column in Annex I to this appendix. Each of the following examples are related in the same order to the examples in Data Items 511 and 513.

Examples:
512. AIR TRAFFIC CONTROL

512. INFANTRY

512. DATA LINK

Detailed Function Identifier.....513

30 characters - 5 occurrences
Submitted to IRAC: yes GMF tag: *DFI

Description: Data Item 513 identifies the detailed function of the frequency assignment.

Input Requirement: This entry is required in all DoD assignments if the function identifier is listed in the Detailed Function Identifier column in the table in Annex I to this Appendix. Otherwise, an entry in this data item may be made at the discretion of the applicant. If a new entry is used, subsequent entries in other frequency assignment applications/records should be identical so data may be grouped together in support of spectrum requirements analysis (SRA) activities. If available, select an entry from the approved standardized Detailed Function Identifier column in Annex I to this appendix. Otherwise, enter new function identifiers when applicable and in accordance with any applicable CINC or MILDEP directives. Each of the following examples are related in the same order to the examples in Data Items 511 and 512.

Examples:
513. GROUND CONTROL

513. AIRBORNE INFANTRY

513. TADIL-C (An example with two Detailed Function Identifiers)
513/02. JTIDS/MIDS

Supplementary Details 520

4 characters - 20 occurrences
Submitted to IRAC: no GMF tag: None

Description: Data Item 903 indicates the current (and previous statuses for historical purposes) of each CCF proposal. This data item is used in conjunction with Data Item 904.

Input Requirement: For use by JSC only. Not stored on SPECTRUM XXI Servers and clients. See Annex H for a list of standardized CCF codes. (For informational purposes, Annex H contains the list of status codes used in the SPECTRUM XXI "STATUS" field on SPECTRUM XXI server and client computers.)

Example:
903. NTIA (The JSC has sent the proposal to NTIA.)

Status Date 904

8 characters - 20 occurrences
Submitted to IRAC: no GMF tag: None

Description: Data Item 904 indicates the date automatically entered as YYYYMMDD for a "Proposal Status" (Data Item 903). This date changes as the action/status of the proposal changes within the processing cycle.

Input Requirement: This is a computer-generated date entered as YYYYMMDD. It is automatically entered whenever the "Proposal Status" is changed in CCF software. For use by JSC only. Not stored on SPECTRUM XXI Servers and clients.

Example:
904. 19951231

Proposal Date-Time-Group 905

14 characters - 1 occurrence
Submitted to IRAC: no GMF tag: None

Description: Data Item 905 is the DTG on an AUTODIN message. (This data item is used in conjunction with Data Item 906.)

Input Requirement: This data item is used by DoD only. Data Item 905 is retrieved automatically from the header of the up-loaded proposal message in DCFs. In other instances, this data item must be entered manually.

Example:

905. 100800ZFEB96

Originator 906

66 characters - 1 occurrence
Submitted to IRAC: no GMF tag: None

Description: Data Item 906 describes the originator of the proposal as noted in the FM line of an AUTODIN message. (This data item is used in conjunction with Data Item 905.)

Input Requirement: This data item is used by DoD only. It is automatically entered from the FM (originator) line of an AUTODIN (Defense Message System) proposal message.

Example:
906. HQ ACC LANGLEY AFB VA

Validation Status 907

1 character - 1 occurrence
Submitted to IRAC: no GMF tag: None

Description: Data Item 907 indicates the proposal's validation status.

Input Requirement: Data Item 907 is a computer-generated DCF or SPECTRUM XXI software data item. The following codes are used:

Y - - Record passed validation.
N - Record did not pass validation.
O - Record did not pass validation and the lack of validation was overridden.
(Blank) - Not validated.

Example:
907. Y

Exercise Project 910

20 characters - 1 occurrence
Submitted to IRAC: no GMF tag: None

Description: Data Item 910 provides the Project or Exercise name associated with a temporary assignment or proposal.

Input Requirement: This data item is required in USCINCCENT assignments and optional in all others.

Example:

910. GUARDRAIL

ANNEX G - LIST OF DOD-APPROVED SYSTEM IDENTIFIERS

This Annex was deleted in change 4.

ANNEX H
STANDARDIZED STATUS CODES USED FOR STATUS TRACKING

1. The following standard status codes are used in SFAF Data Item 903 to track the status of frequency assignment proposals within the FRRS Central Computer Facility (CCF) transaction processing system. These codes will be phased out when the CCF is replaced by SPECTRUM XXI. See SPECTRUM XXI codes listed in paragraph 2 below.

STATUS CODE	DESCRIPTION	SET BY
ACT	The proposal has been transferred to another DCF for coordination with other military services.	System
ASN	The proposal is approved, but last minute changes can be made to the record before setting the status to TRN.	User
ATE	The proposal has been successfully transferred to the JSC.	System
COR	The proposal is being held locally while some form of coordination is being conducted.	User
DUP	The proposal has been successfully download from the JSC CCF to the remote DCF MicroVAX site to reflect the decisions at the IRAC/FAS meeting.	System
ERR	The proposal with parsing errors has been received at the local site.	System
FAS	The validated proposal is ready for review by the agency's FAS representative (applies only to MILDEPs).	User
INC	The proposal is at NTIA and is being voted upon by other government agencies.	System
NTIA	The JSC has sent the proposal to NTIA.	System
PCM	The proposal has been downloaded to a PC for modification.	System
REC	The proposal has been received at the local site.	System
REJ	The proposal has been withdrawn from NTIA by the responsible agency.	System
REV	The Proposal has been revised or edited.	User
RFN	The proposal is being converted by the JSC to the GMF format so it can be sent to NTIA.	System

Status Code	Description	Set By
RTA	The proposal was sent to the JSC and returned to the submitting agency because of errors serious enough to be rejected either by the JSC or by NTIA.	System
STA	Short term assignment.	User
TAB	The proposal has been tabled by NTIA or another government agency and is currently awaiting MILDEP FAS representative action.	System
TRN	The validated proposal is ready for transfer to the JSC or to another DCF.	User

2. The following standard status codes are used to track the status of records within the SPECTRUM XXI FRRS processing system. The following are brief descriptions of each code. (In this appendix, the term “Job Account” either refers to the actual Job Account or the corresponding user):

STATUS CODE	DESCRIPTION
ORIGINATED BY or **IMPORTED BY**	These codes identify the Job Account that originated (created) the proposal or imported the proposal into the software program.
COMPLIANCE	This code identifies that compliance was performed successfully or performed with errors and overridden.
COORDINATION	This code identifies the beginning and ending of manual (non-system related) coordination. The comment field is used to describe the coordination effort.
RECEIVED BY	This code indicates the proposal has been received by the given Job Account for processing.
IN-PROCESS AT	This code identifies the first time the proposal was loaded into the Proposal Editor by a Job Account. The intent is to identify when each Job Account began working on the proposal.
MODIFIED BY	This code identifies the last time the proposal was modified in the Proposal Editor.
APPROVED BY	This code indicates that a Job Account approved a proposal.

LATERAL COORDINATION	This code indicates that a record has been electronically laterally coordinated with other data-exchanging clients (Job Accounts). The Originator and Coordinators add their coordination comments into the record on the LATERAL COORDINATION line.
ASSIGNED BY	This code indicates that a Job Account has assigned a temporary or permanent proposal. (Technically a permanent proposal remains a proposal until it is sent to the FRRS (Frequency Resource Record System) Central Computer Facility (CCF) but according to the frequency management coordination process, a permanent proposal becomes an assignment the moment the user assigns it.)
REJECTED BY	This code indicates that a Job Account has rejected a proposal or that the proposal was automatically rejected during data exchange by a regional server.
SUBMITTED TO	This code is a request to submit the Permanent Proposal to NTIA (National Telecommunications and Information Administration) to become a Permanent Assignment.
TABLED BY	This code is used by NTIA only. It signifies that the proposal has been tabled for further discussion. (All "IRAC (Interdepartment Radio Advisory Committee)-reportable" Permanent Proposals are submitted to the NTIA for FAS (Frequency Assignment Subcommittee) approval. Approved Permanent Proposals become Permanent Assignments.)
DELETED BY	This code indicates that a Job Account has deleted a Permanent Assignment, Permanent Proposal, Temporary Assignment, or Temporary Proposal.
FORWARDED TO	This code indicates that the Job Account has requested the proposal be transferred from the current Job Account to another Job Account, usually on another platform.
INFO TO	This code indicates that a courtesy copy of the proposal was forwarded to the specified Job Account.
NOTIFIED BY	This code indicates that a Job Account has posted the Temporary Assignment to a regional server (or has requested that the Temporary Assignment be posted

	during the next data exchange). This posting serves to notify the community of the Temporary Assignment.
REGISTERED WITH	This code indicates that a request has been made to register a "non-IRAC reportable" record with the FRRS. (FRRS registration converts Permanent Proposals into Permanent Assignments.
ADMIN MOD BY	This code is placed on the proposal when an administrative modification is created and sent to the CCF.

MAJOR FUNCTION IDENTIFIER (SFAF DATA ITEM 511)	INTERMEDIATE FUNCTION IDENTIFIER (SFAF DATA ITEM 512)	DETAILED IDENTIFIER (SFAF DATA ITEM 513)
		ILS(instrument landing sys)
		MLS (Microwave Landing System)
		PAR(Precision Approach Radar)
		RF TAGS (Radio Frequency Tags and Interrogators)
		TACAN
		TCAS (Traffic Collision Avoidance System)
		VOR
		VORTAC
		WEATHER RADAR
	TELECOMMAND	
		COMMAND DESTRUCT/TERMINATION
		DRONE CONTROL
		MICROWAVE DATA LINK
		TMGS (Transportable Mobile Ground Subsystem)
		TOSS (TV Ordinance Scoring System)
	UAV (Unmanned Aerial Vehicle)	
	TRAINING	
	TARGET ACQUISITION	
		LONGBOW
		MISSILE
GROUND OPERATIONS	AIR DEFENSE	
		ARTILLERY
		AVENGER-STC
		FAADC2 (Forward Area Air Defense, Command and Control)
		LINEBACKER
		PATRIOT
		SENTINEL (AN/MPQ-64 Surveillance Radar)
	ENGINEERS	
		GRIZZLY (M1 Breacher MineSweeper)
		M93A1 FOX
		WOLVERINE (Assault Bridge)

MAJOR FUNCTION IDENTIFIER (SFAF DATA ITEM 511)	INTERMEDIATE FUNCTION IDENTIFIER (SFAF DATA ITEM 512)	DETAILED IDENTIFIER (SFAF DATA ITEM 513)
	ARTILLERY	
		AQF (Advanced Quick Fix)
		LLDR (Lightweight Laser Designator Rangefinder)
		MLRS (Multiple Launch Rocket System)
	BATTLE COMMAND	
		A2C2S (Army Airborne Command & Control System)
		A-EPLRS (SADL)
		CTT (Commander's Tactical Terminal)
		EPLRS (Enhanced Position Location Reporting System)
		LAND WARRIOR
		NTDR (Near Term Digital Radio)
		SCAMP (Single Channel Anti-Jam Manportable Terminal)
		SINCGARS (Single Channel Ground and Airborne Radio System)
		SINCGARS-ASIP (Single Channel Ground and Airborne Radio System-Advanced System Improvement Plan)
		WIN-T (Warfighter Information Network-Tactical)
	CAVALRY	
		STRIKER II (Advanced Fire Support/Scout/Surveillance System)
	CLOSE AIR SUPPORT (CAS)	
	COMBAT CONTROL TEAM	
	COMMAND POST	
	ELECTRONIC WARFARE	
		ACS (Aerial Common Sensor)
		AHFEWS (Army HF EW System)
		ARL (Aerial Reconnaissance-Low)

MAJOR FUNCTION IDENTIFIER (SFAF DATA ITEM 511)	INTERMEDIATE FUNCTION IDENTIFIER (SFAF DATA ITEM 512)	DETAILED IDENTIFIER (SFAF DATA ITEM 513)
		TEST RANGE TIMING
		TCRS (Target Control System)
		TOSS (TV Ordinance Scoring System)
	TRAINING	
		MITT/DTES (Mobile Integrated Tactical Terminal/Distributed Common Ground System Test and Evaluation Strategy)
SURVEILLANCE/ RECONNAISSANCE	AIR DEFENSE WARNING	
		AWACS (Airborne Warning & Control Sys)
		BMEWS (Ballistic Missile Early Warning System)
		CARS (Contingency Airborne Reconnaissance Sys)
		GRCS (Guardrail Common Sensor)
		JSS (JOINT SURVEILLANCE SYSTEM)
		OTHR/ROTHR (Over-the-Horizon Radar)
		PAVE PAWS
	TRAINING	
SPECIAL OPERATIONS	AIR FORCE SPECIAL OPERATIONS	
	ARMY SPECIAL OPERATIONS	
		CIVIL AFFAIRS
		PSYCHOLOGICAL OPERATIONS
		RANGER UNITS
		SPECIAL FORCES
	NAVY SPECIAL OPERATIONS	
C3 (Command, Control & Communications)	COMMAND NET	
		GLOBAL
		GLOBAL ALE (Automatic Link Establishment)
		GLOBAL BLACK
		GLOBAL DISCRETE
		GLOBAL RED
		HICOM (High Command)
	DATA LINK	

MAJOR FUNCTION IDENTIFIER (SFAF DATA ITEM 511)	INTERMEDIATE FUNCTION IDENTIFIER (SFAF DATA ITEM 512)	DETAILED IDENTIFIER (SFAF DATA ITEM 513)
		ARTS (Automated Remote Tracking System) (Telemetry)
		JTIDS/MIDS
		SGLS (Space Ground Link Subsystem)
		TADIL-A
		TADIL-C
	COMMUNICATIONS	
		IONOSPHERIC SOUNDER
		ISYSCON (Integrated System Control)
		MARS (Military Affiliated Radio System)
		MICROWAVE
		MSE (Mobile Subscriber Equipment)
		RADIO RELAY
		TACTS (Tactical Trunk Signaling)
	GCCS (Global Command &Control System)	
	SATELLITE COMMUNICATIONS	
		AFSATCOM
		DSCS
		FLTSATCOM
		LEASAT
		MILSTAR
		SPITFIRE (SPITFIRE Manpack UHF SATCOM DAMA Terminal)
		TROJAN SPIRIT
	TELEMETERY	
		ARTS
		SGLS
SUSTAINING OPERATIONS	ADMINISTRATIVE	
		BROADCAST
		INSTALLATION PA SYSTEM (Giant Voice)
		PAGING
		TRAVELERS INFORMATION SYSTEM
		UNLICENSED DEVICE
		WIRELESS LOCAL AREA NETWORK
		WIRELESS MIKE

MAJOR FUNCTION IDENTIFIER (SFAF DATA ITEM 511)	INTERMEDIATE FUNCTION IDENTIFIER (SFAF DATA ITEM 512)	DETAILED IDENTIFIER (SFAF DATA ITEM 513)
	CIVIL ENGINEERING	
		CIVIL WORKS
		CONSTRUCTION
		INDUSTRIAL CONTROLS
		PRIME BEEF
		PUBLIC WORKS
		RED HORSE
		SAFETY
		SEABEES
		UTILITIES
	COMMAND AND CONTROL	
		BASE OPERATIONS
		COMMAND NET
		MOMS
		TRUNKING
	EMERGENCY SERVICES	
		ALARM SYSTEMS
		DISASTER PLANNING
		EOD
		FIRE
		HAZMAT
		MEDICAL
		WARNING SYSTEM
	ENVIRONMENTAL	
		RESOURCES CONSERVATION
	LAW ENFORCEMENT	
		CID (Criminal Investigation Command)
		DIS (DEFENSE INVESTIGATIVE SERVICE)
		MILITARY POLICE
		NCIS (NAVAL CRIMINAL INVESTIGATIVE SERVICE)
		OSI (OFFICE OF SPECIAL INVESTIGATIONS)
		SCOPE SHIELD
		SECURITY FORCE
		SHORE PATROL
		SPEED MEASUREMENT SYSTEMS
		SURVEILLANCE SYSTEMS

MAJOR FUNCTION IDENTIFIER (SFAF DATA ITEM 511)	INTERMEDIATE FUNCTION IDENTIFIER (SFAF DATA ITEM 512)	DETAILED IDENTIFIER (SFAF DATA ITEM 513)
		TETHERED AEROSTAT RADAR
		WEAPONS STORAGE PROTECTION
	MAINTENANCE	
		AIRCRAFT
		COMMUNICATIONS
		EQUIPMENT CHECKS
		MISSILE
		MUNITIONS
		RAMP CONTROL
		REMOTE CONTROL CRANE
		RUNWAY ICE DETECTION SYSTEMS
		SNOW REMOVAL
	METEOROLOGICAL	
		AMSS (Automatic Meteorological Sensor System)
		ASOS (Auto Surface Observation System)
		AWOS
		GOES (Geostationary Operational Environmental Satellites)
		IMETS (Integrated Meteorological System)
		NEXRAD
		WEATHER
		WIND PROFILER
	NATURAL RESOURCES	
		CONSERVATION
		WILDLIFE PRESERVATION
	NAVAIDS CONTROLS	
		REMOTE BARRIER CONTROL SYSTEMS
		RUNWAY LIGHTING CONTROL
	SUPPLY AND LOGISTICS	
		AMPS (Air Movement Planning System)
		CSSCS (Combat Service Support Control System)
		INVENTORY/INVENTORY CONTROLS
		MTS (Movement Tracking System)
		POL
		RESUPPLY
		RF TAGS

MAJOR FUNCTION IDENTIFIER (SFAF DATA ITEM 511)	INTERMEDIATE FUNCTION IDENTIFIER (SFAF DATA ITEM 512)	DETAILED IDENTIFIER (SFAF DATA ITEM 513)
		SHIPYARD
	TRAINING	
	TRANSPORTATION	
		MOTOR POOL
		TAXI
DOMESTIC SUPPORT OPERATIONS	COMMUNITY ASSISTANCE	
		AERO CLUB
		COLOR/HONOR GUARD
		EDUCATION
		MUTUAL AID
		PUBLIC WORKS
		TRAINING
	CONTINGENCY	
	CONSEQUENCE MANAGEMENT	
		CBR
		CIVIL SUPPORT TEAM
		ENVIRONMENTAL CLEANUP
		FEMA
		HAZARDOUS MATERIAL RELEASE
		TECHNICAL ESCORT UNIT
		TRAINING
	LAW ENFORCEMENT	
		ANTI-TERRORISM
		CIVIL DISTURBANCES
		COUNTER DRUG
		PROJECT COTHEN
		SPECIAL SECURITY OPERATIONS
OTHER OPERATIONS	DTSS (Digital Topographic Support System)	
	EXERCISE	
	EXPERIMENTAL	
	ETRAC (Enhanced Tactical Radar Correlator)	
	HYDROLOGIC	
		LOCKS AND DAMS

MAJOR FUNCTION IDENTIFIER (SFAF DATA ITEM 511)	INTERMEDIATE FUNCTION IDENTIFIER (SFAF DATA ITEM 512)	DETAILED IDENTIFIER (SFAF DATA ITEM 513)
	RDTE SUPPORT	
	SEARCH AND RESCUE	
		CAP(Civil Air Patrol)
	SEISMIC	
	SPECIAL COURIER	
	SPECIAL PROJECTS	
		HAARP (High Frequency Active Auroral Research Program)
	SURVEY	
	TEST AND MEASUREMENT	

APPENDIX C - DISTRIBUTION

The following list of addressees will receive a paper copy of this document and any subsequent changes. Please contact doyend@jsc.mil if any organization addressee that has access to an automated copy of this document and can be removed from this list. An automated copy of this document is on most JSC database CD ROM products. This document is also available from the JSC Web site at http://www.jsc.mil/Documents/mcebdocs.asp.

Chief of Staff, US Army
Chief of Naval Operations
Chief of Staff, US Air Force
Commandant of the Marine Corps
Director, National Security Agency Attn:Spectrum Center,
9800 Savage Road, SUITE 6401, Ft. Meade, MD. 20755-6401
Director, Defense Information Systems Agency
Director, Joint Interoperability and Engineering Organization
Director, Command, Control, Communications, and Computer Systems (J6)
Director for Information Systems for Command, Control, Communications, and Computers (C4), US Army
Director, Space and Electronic Warfare, US Navy
Deputy Chief of Staff, Command, Control, Communications, and Computers, US Air Force
Office of Assistant Secretary of Defense (C3I)
Office of Assistant Secretary of Defense (ISA)
Office of the Army Spectrum Manager, HQDA, ODISC4, (SAIS-SM)
Assistant Chief of Staff, Command, Control, Communications, Computer and Intelligence
Department (C4I), US Marine Corps
Commander-in-Chief, US Transportation Command (TCJ6-OC),
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Commander-in-Chief, US Joint Forces Command (JFMO LANT),
(J642), 1562 Mitscher Ave, Suite 200, Norfolk, VA 23511-2488
Commander-in-Chief, US Southern Command (SCJ631),
3511 NW 91st Ave, Miami, FL 33172-1216
Commander-in-Chief, North American Aerospace Command (NPCF),
Peterson AFB, CO 80914-5002
Commander-in-Chief, US Strategic Command (J651),
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Commander-in-Chief, US Central Command (CCJ6-CO-F),
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Commander-in-Chief, US Special Operations Command (SOIO-RR-C),
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Commander-in-Chief, Forces Command (FCJ/6), Ft. McPherson, GA 30330-6000
Commander, HQ, USSPACECOM/SCOSF (SCNI),
150 Vandenberg Street, Suite 1105, Peterson AFB, CO 80914-4510

Commander-in-Chief, US Europe (ECJ6-F), Unit 30400, Box 1000, APO AE 09128-4209
US EUCOM FREQ MGT FLD OFC/Brussels, (FMFO/DEL),
PSC 80, Box 201, APO AE 09724
CDR 5TH SIGNAL COMMAND (ASQE-OP-WF), CMR 421, APO AE 09056-3104
CINC USNAVFORCES EUROPE, (N622), PSC 802, Box 6, FPO AE 09499-0156
HQ USAFE CSS/SCOF Unit 3325 Box 125 APO AE 09094-3325
COMSOCEUR (SO-J6),
Attn: Frequency Manager Unit 3400, Box 1000 APO AE 09128-4209

Commander-in-Chief, US Pacific Command (JFMO PAC),
(J-613), Box 64029, Room 118, Bldg. 20, Camp H. M. Smith, HI 96861-4029
Commander, US Army Pacific (APIM-OIO, APIM-TS) Ft. Shafter, HI 96858-5100
Commander in Chief, U.S. Pacific Fleet
Attn: N624, Bldg. 352, 250 Makalapa Drive, Pearl Harbor, HI 96860-3131
HQ PACAF (SCNMS), 25 E. Street, STE C-307, Hickam AFB, HI 96853-5409
COMUSFORSJAPAN (J-67), Unit 5068, APO AP 96328-5068
ACOFS, USFK (J-6), (FKJ6-OF), APO AP 96205-0010
MCTAMSPAC, Attn: FM Code N353, 500 Center St., Wahiawa, HI 96786
HQ USARJ/9th TAACOM, Attn: APAJ-IM/Mr. Donald, Unit 45005, APO AP 96343-5005

Commander, Joint Spectrum Center (JSC-J6),
2004 Turbot Landing, Annapolis, MD 21402-5064

USMCEB OJCS, Military Secretary, Room 1E833, Pentagon, Washington, DC 20318-6100
Army Frequency Coordinator, USASA, Military District of Washington
(AFST-OP), Ft. McNair, Washington, DC 20319-5050
DoD Western Area Frequency Coordinator (WAFC),
(Code 3208), Bldg. 735, Pt. Mugu, CA 93042-5000
DoD Eastern Area Frequency Coordinator (45CS/SCXF),
1225 Pershing St, MS9131, Patrick AFB, FL 32925-3341
DoD Area Frequency Coordinator, Puerto Rico, (Code 022),
PSC 10008, Box 3023, FPO AA 34051-9000
DoD Gulf Area Frequency Coordinator (96CG/SCWF),
201 W. Eglin Blvd, Ste 206, Eglin AFB, FL 32542-5818
DoD Area Frequency Coordinator, (99CS/SCXF)
5870 Delvin Dr., Suite 102, Nellis AFB, NV 89191-7075
DoD Area Frequency Coordinator, (SFIS-FAC-SS),
White Sands Missile Range, NM 88002-5526
DoD Area Frequency Coordinator, State of Arizona, (SFIS-FAC-SH),
Bldg. 85846, Ft. Huachuca, AZ 85613-5000
Inter Service Radio Frequency Management School, 336-TRS/UOCB, Vosler Academic Dev Ctr, Bldg. 2602, 601 D St., Suite 119, Keesler AFB, MS 39534-2209

Director, US Army C-E Services Office, (SFIS-FAC-S),
Suite1200, Hoffman Bldg. I, 2461 Eisenhower Ave, Alexandria, VA 22331-0200

Army Frequency Management Office, Continental US (SFIS-FAC-SC),
1214 Stanley Rd, Suite 32, Ft. Sam Houston, TX 78234- 5032
Commander, US Army Corps of Engineers (CEIM-TA),
Rm 3D40, 441 G St. NW Washington, DC 20314-1000
DIR, US Army Signal Command, (AFSC-PLE-TS), Ft. Huachuca, AZ 85613-5300
CDR US Army Strategic Defense Command (CSSD-IM),
P.O. Box 1500, Huntsville, AL 35807-3801
CDR US Army Materiel Command (AMCIO),
5001 Eisenhower Ave., Alexandria, VA 22333-0001
CDR US Army Aviation and Missile Command (AMSAM-RD-MG-SD),
Redstone Arsenal, AL 35898-5253
CDR USA CECOM (AMSEL-RD-C3-EM-F), Ft. Monmouth, NJ 07703-5203
DEPUTY CDR USASDC (CSSD-IM), PO Box 1500, Huntsville, AL 35807-3801
CDR USA ELECTRPROVGRD (STEWS-EPG-TT), Ft. Huachuca, AZ 85613-7110

DIRECTOR, NAVEMSCEN,
2461 Eisenhower Ave, Suite 1202, Hoffman Bldg I, Alexandria, VA 22331-0200
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Attn: Code J54 EMCAP/M. Neel, 17320 Dahlgren Rd, Dahlgren, Va 22448-5100
CMDR SPAWARSYSCOM (CODE 32DT), Arlington, VA 20363-5100
CDR NAVAIRWARCEN, Aircraft Div Attn: Ken Fewell, Bldg 2109, 741000A, Stop 3,
22541 Millstone Rd Patuxtent River, MD 20670-5284
Commanding Officer NSGA Northwest, Chesapeake, VA 23322
Puget Sound Naval Shipyard, Security Department – Code 1125.2, Attn: Ron Cammers
1400 Farragut Ave., Bremerton, WA 98314-5001

HQ AIR FORCE FREQUENCY MANAGEMENT AGENCY (FMT),
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APPENDIX D – SUMMARY OF MAJOR CHANGES

1. This change revises MCEB PUB 7, Frequency Resource record System (FRRS) DoD Standard Frequency Action Format (SFAF) dated 1 October 1998 ammended with change 1 dated 1 December 1999, with change 2 dated 30 Nov 2000, and change 3 dated 30 Nov 2001.

a. The following significant changes were made in the main part of the document.
b. Updated Table A1, Summary of Data Item Specifications
c. Added data Item 506
d. Deleted data Item 705 and all references to data item 705

2. Minor changes were made in other parts of the document to support the above changes.

3. The following list of SFAF items in Appendix A have been significantly changed in this document.

SFAF ITEM	**CHANGE**
301	Added definition of coastal warters
506	Add data Item 506, Paired Frequency
705	Deleted

4. Other changes include:

a. Revised Annex A-I, List of DoD Agency Specific Function Identifiers

b. Deleted Annex G, List of DoD Approved System Identifiers

c. Replaced Annex H, Standardized Status Codes Used for Status Tracking

d. Replace Appendix D – Summary of Major Changes